The specification of which
a.

is attached hereto
b.

was filed on

a

as application serial no.

(if any), which I have reviewed and for which I solicit a United States patent.

or PCT international filing date of this application.

U.S. APPLICATION NUMBER

c. \square was (in the case of a PCT-filed application) described and claimed in international no.

SHUMAKER & SIEFFERT, P.A.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: CHIP-INTERLEAVED, BLOCK-SPREAD MULTI-USER COMMUNICATION

and was amended on

(if applicable) or

filed

and as amended on

STATUS

	he above-identified specificati	ion, including the claims, as amended by					
	the patentability of this applic	cation in accordance with Title 37, Code of					
also identified below any foreign sis of which priority is claimed: been filed. en filed as follows:	application for patent or inven	tor's certificate having a filing date before					
APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)					
(day, month, year) (day, month, year) ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)							
APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)					
	ose information which is material to ached hereto). Denefits under Title 35, United State also identified below any foreign sis of which priority is claimed: Deben filed. Denefited as follows: NAPPLICATION(S), IF ANY, Claim APPLICATION NUMBER NAPPLICATION(S), IF ANY, FI	ose information which is material to the patentability of this application denet hereto). Denefits under Title 35, United States Code, § 119/365 of any force also identified below any foreign application for patent or invensis of which priority is claimed: Deen filed. Deen filed as follows: N APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER (day, month, year) N APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION NUMBER DATE OF FILING					

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

DATE OF FILING (day, month, year)

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)
60/274,365	March 8, 2001

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Steven J. Shumaker Kent J. Sieffert Joseph C. Huebsch Daniel G. Chapik	Reg. No. 36,275 Reg. No. 41,312 Reg. No. 42,673 Reg. No. 43,424	Daniel J. Hanson Kelly P. Fitzgerald Allen J. Oh	Reg. No. 46,757 Reg. No. 46,326 Reg. No. 42,047
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I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Shumaker & Sieffert, P.A. to the contrary.

Please direct all correspondence in this case to Shumaker & Sieffert, P.A. at the address indicated below:

Shumaker & Sieffert, P.A. 150 Gateway Corporate Center I 576 Bielenberg Drive St. Paul, Minnesota 55125

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

punisha may jeo	able by fine or in opardize the valid	nprisonment, or both, under Section 1001 of 1 dity of the application or any patent issued the	reon.	code and	tilat suon willful laise statement
	Full Name Of Inventor	Family Name Giannakis	First Given Name Georgios		Second Given Name B.
	Residence & Citizenship	City Minneapolis	State or Foreign Country Minnesota	y	Country of Citizenship United States of America State & Zip Code/Country
	Post Office Address	Post Office Address 20 Second Street, NE. Apt. #1508	Minneapolis		Minnesota 55413
Signa	ture of Inventor:	E jannam C		Date: A	PRIL 17, 2001
	Full Name	Family Name	First Given Name		Second Given Name
	Of Inventor	Zhou Shengli			
	Residence & Citizenship	City St. Paul	State or Foreign Country Minnesota		Country of Citizenship Peoples Republic of China
	Post Office Address	Post Office Address 1188 Gibbs Avenue, #N3	City St. Paul		State & Zip Code/Country Minnesota 55108
* = ** = = = = =			Date: Ap	pril 17,2001	
<u> </u>					
	Full Name Of Inventor	Family Name	First Given Name		Second Given Name
	Residence & Citizenship	City	State or Foreign Country		Country of Citizenship
	Post Office Address	Post Office Address	City		State & Zip Code/Country
Signature of Inventor: Date:					

§ 1.56 Duty to disclose information material to patentability.

W.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.